

05081147CRF
SEQUENCE LISTING

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FUCHS, Robert, Pierre, Paul
OLIERIC, Vincent

<120> PROTEIN CRYSTAL COMPRISING THE PROCESSIVITY CLAMP FACTOR
OF DNA POLYMERASE AND A LIGAND, AND ITS USES

<130> 0508-1147

<140> US 10/561,867
<141> 2006-07-06

<150> PCT/EP2004/006942
<151> 2004-06-25

<150> EP 03291596.9
<151> 2003-06-27

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<170> PatentIn version 3.5

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<212> PRT
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Leu Glu Met Glu Met Val Ala Arg Val Ala Leu Val Gln Pro His Glu
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Pro Gly Ala Thr Thr Val Pro Ala Arg Lys Phe Phe Asp Ile Cys Arg
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Gly Leu Pro Glu Gly Ala Glu Ile Ala Val Gln Leu Glu Gly Glu Arg
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Met Leu Val Arg Ser Gly Arg Ser Arg Phe Ser Leu Ser Thr Leu Pro
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Ala Ala Asp Phe Pro Asn Leu Asp Asp Trp Gln Ser Glu Val Glu Phe
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Thr Leu Pro Gln Ala Thr Met Lys Arg Leu Ile Glu Ala Thr Gln Phe
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Ser Met Ala His Gln Asp Val Arg Tyr Tyr Leu Asn Gly Met Leu Phe
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<223> synthetic peptide - derived from beta clamp of
E. coli DNA polymerase III

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35 40 45Leu Met Arg Met Leu Asp Gly Gly Asp Asn Pro Leu Arg Val Gln Ile
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180 185 190

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Val Gln Ile Glu Asp Ala Ala Ser Gln Ser Ala Ala Tyr Val Val Met
195 200 205

Pro Met
210